

Part 2: Organizing, presenting and Analyzing Data:

Table #1

MASS	FORCE	SPEED (meters/sec)
5 Kg	10 N	2 m/s
10 Kg	10 N	1 m/s
15 Kg	10 N	.66 m/s
20 Kg	10 N	.5 m/s

Here you will see some data showing the relationship between Mass, Force, and Speed (acceleration)

Table #2

FORCE	MASS	SPEED (meters/sec)
5 N	10 Kg	.5 m/s
10 N	10 Kg	1 m/s
20 N	10 Kg	2 m/s

Explain why this information could be helpful when you think about the variables that you can manipulate when designing your car. Be specific about how your plan might change based on this information:

In the first table, If there is more mass, it will go slower. In the second table If the force is higher it goes faster.

Good referencing both tables, but how does this relate to the design of the car?

-1